

ABSTRACT OF THE DISCLOSURE

In a hub-bearing assembly for the wheel of a motor vehicle,  
the hub (1) forms integrally or is fixedly secured to a  
5 radial flange (7) fixable to a wheel (8). Associated with the  
assembly is a measuring device (14) mounted to a non-rotating  
part (12) of the vehicle and operatively facing a radial  
surface (13) integral with the flange (7). The measuring  
device (14) detects in real time variations of the axial  
10 position of the surface (13) caused by elastic deformation of  
the flange (7) provoked by forces transmitted from the wheel  
(8) to the hub flange (7).